

Consumer Advisory Group

July Meeting

July 24, 2013



Agenda

Discussion about in-person vs. phone attendance

Project Update

Phase 2 Technical Design Under Consideration

Next Steps

Discussion about in-person vs. phone attendance

Proposed schedule

Date	Physical Location	Dial In
24-Jul-13 10:00-11:30	Phone only	(866) 951-1151 x. 8234356
25-Sep-13 10:00-11:30	In Person - MMS Middlesex Central Conference Room	Phone line open but in person attendance encouraged
23-Oct-13 10:00-11:30	In Person - MMS Middlesex Central Conference Room	Phone line open but in person attendance encouraged
27-Nov-13 10:00-11:30	Phone only (day before Thanksgiving)	(866) 951-1151 x. 8234356
22-Jan-14 10:00-11:30	In Person - MMS Middlesex Central Conference Room	Phone line open but in person attendance encouraged
26-Feb-14 10:00-11:30	Phone only	(866) 951-1151 x. 8234356

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Phase 1 – Transaction and deployment update (as of June 2013)

Transaction update:

- Transactions exchanged in June: 106,331
- Cumulative transactions to date: 1,255,903

Deployment update:

- Organizations in Production: 3
 - Beth Israel Deaconess Medical Center
 - Network Health
 - Massachusetts eHealth Collaborative
- Organizations live (successful transaction): 4
 - Holyoke Medical Center/Holyoke HIE
 - Tufts Medical Center
 - Beaumont Medical
 - Dr. Gregory Harris
- Organizations in implementation stage: 11
- Organization in on-boarding stage: 7
- Organizations in pipeline: 79

Phase 2 overall timeline

Mass HIway Phase 2 high level project schedule

Activity	Target date
Submit IAPD to CMS	Completed
CMS approval of Phase 2 IAPD	Completed
Phase 2 contract (or change order) executed	June 2013 Completed
Go-live - Public Health - Immunization Registry Node	Completed
Go-live - Public Health - Reportable Lab Results (ELR) Node	Completed
Testing - Public Health - Syndromic Surveillance Node	Completed
Testing - EOHHS – Children’s Behavioral Health (CBHI) Node	June 14, 2013 Completed
Go-live for Phase 2, Release 1 (Other Public Health interfaces)	May – Oct 2013
Phase 2 Requirements Gathering & Validation	July 26, 2013
Phase 2 Design Approach Decision	August 2, 2013
Go-live for Phase 2, Release 2 (EMPI, RLS, Consent, Provider Portal, Consumer Portal)	Oct 2013 – Mar 2014



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Overview of today's discussion

1. **Baseline – How information exchange works today “pre-HIway” and the technology and policy controls that are commonly used**
2. **Review of how the phase 2 services are currently envisioned**
3. **Introduction to new technical and policy controls being put in place to protect patients from unauthorized disclosures of their information**

Definitions:

Technical controls: Protections that may be built into the HIway to avoid or prevent opportunities for unauthorized disclosures

Policy controls: “Rules of the Road” protections that may be included in law or contract and which require HIway participants to behave properly or to face consequences

Policy and Technical Controls in Today's World

"pre-HIway"

Disclosure	How it works today	Technical Control	Policy Control
Providing a patient's medical record to an authorized entity	<ul style="list-style-type: none"> Manual where trust relationship does not exist <ul style="list-style-type: none"> Patient-authorized push (e.g., patient identifies PCP at registration) Patient-authorized pull -- requestor communicates patient authorization for data holder to validate Automated within established trust relationships (e.g., "magic buttons", CHAPS, SafeHealth) 	<ul style="list-style-type: none"> Where manual, no technical controls possible Where automated, entity authentication is usual focus -- authorization usually determined as part of trust relationship 	<ul style="list-style-type: none"> Where manual, information sharing enforced only through existing law (e.g., HIPAA) and contractual agreements Where automated, contractual agreements regarding authorization and access fill in gaps left by technology

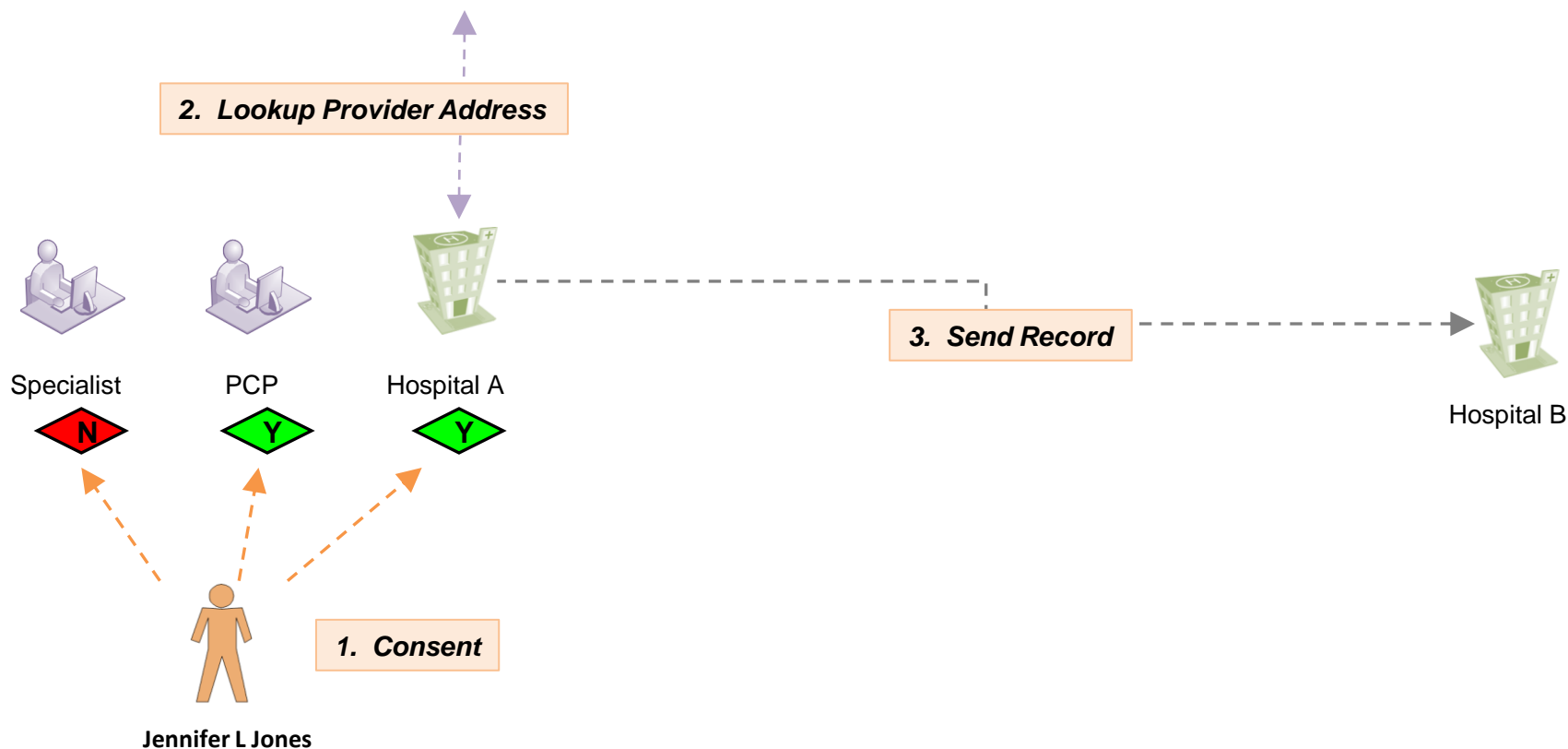
Review Phase 1 Services (in use today)

User-to-User Push



Provider Directory

<u>Provider name</u>	<u>Local name</u>	<u>Institution</u>	<u>Direct address</u>	<u>Certificate</u>
Smith, Marilyn M	Smith, Marilyn	Hospital B	Marilyn.Smith@HospB.masshighway.net	58&HTU
Smith, Marilyn M	Smith, Mary	Highland Primary Care	Marilyn.Smith@HPC.masshighway.net	93T\$@N



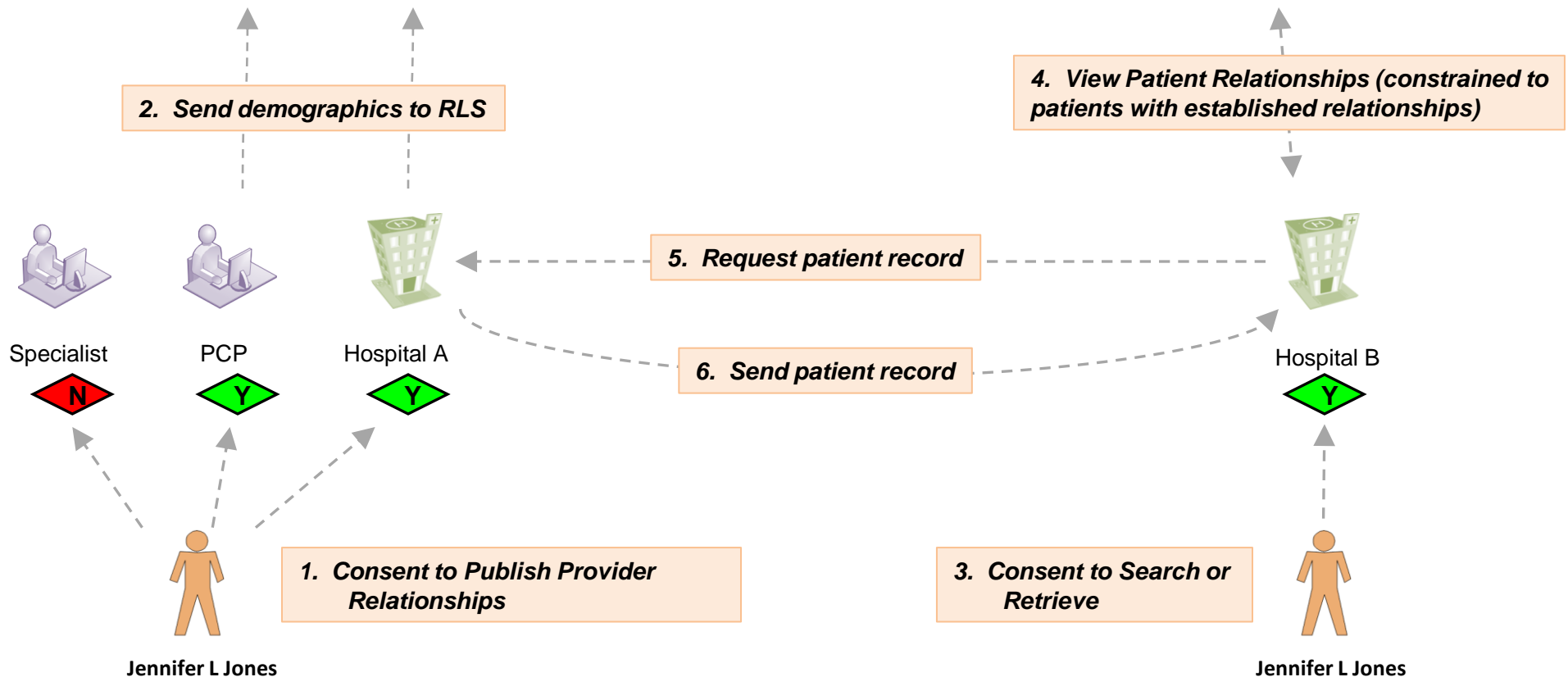
Review Phase 2 Services (starting in Oct 2013)

Data requestor requests patient record – Data holder responds



Relationship Listing Service (RLS)

<u>Patient name</u>	<u>Local name</u>	<u>Institution</u>	<u>MRN</u>	<u>Last event date</u>	<u># events</u>
Jones, Jennifer L	Jones, Jennifer	Hospital A	1234	Dec 3, 2012	3
Jones, Jennifer L	Jones, Jenny	PCP	5678	Jul 8, 2010	12



Phase 1 Policy and Technical Controls with MA Hlway

Disclosure	How it works on Hlway	Technical Control	Policy Control
Providing a patient's medical record to an authorized entity	<ul style="list-style-type: none">Information provided by data-holding entity based on authorization represented by requestor, AND/OR permission given to data-holding entity	<ul style="list-style-type: none">Authentication controls	<ul style="list-style-type: none">Consent gathered by data-holding entityVariation allowed but should name MA HlwayAudit

Phase 2 Policy and Technical Controls with MA Hlway

Disclosure	How it would work on Hlway	Technical Control	Policy Control
Publishing patient/entity relationship to Relationship Listing Service (RLS)	<ul style="list-style-type: none"> Information published based on permission given to data-holding entity 	<ul style="list-style-type: none"> Consent flag in ADT message 	<ul style="list-style-type: none"> Consent gathered by data-holding entity (standards tbd)
Viewing patient/entity relationships on RLS	<ul style="list-style-type: none"> Information viewing based on permission given to requesting entity 	<ul style="list-style-type: none"> Viewing restricted to only entities who have recorded relationship with patient Audit/disclosure logs 	<ul style="list-style-type: none"> Participation agreements regarding appropriate uses of information
Requesting a patient's medical record	<ul style="list-style-type: none"> Information provided by data-holding entity based on authorization represented by requestor, AND/OR permission given to data-holding entity 	<ul style="list-style-type: none"> Authentication controls Data-holding entity determination of whether satisfactory level of assurance has been met in request Consent flag in ADT message Trust based on entity authentication 	<ul style="list-style-type: none"> Consent gathered by data-requesting entity (standards tbd) Data-holding entity validates authorization to provide information and responds accordingly
Providing a patient's medical record to an authorized entity			

Questions to the Advisory Group

What are your initial thoughts on this design?

Are there additional policy or technical controls that have been overlooked?

Is the balance of policy and technical controls about right?

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Next Steps

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- Key points and recommendations synthesized and provided back to Advisory Group for final comments
- Presentation materials and notes to be posted to EOHHS website
- Next Advisory Group Meeting – September 25, 10:00-11:30
 - In person preferred - MMS Middlesex Central Conference Room
 - Conference call if needed – (866) 951-1151 x. 8234356
- HIT Council – Aug 5, 2013, 3:30-5:00 One Ashburton Place, 21st Floor

HIT Council meeting schedule, presentations, and minutes may be found at <http://www.mass.gov/eohhs/gov/commissions-and-initiatives/masshiway/hit-council-meetings.html>